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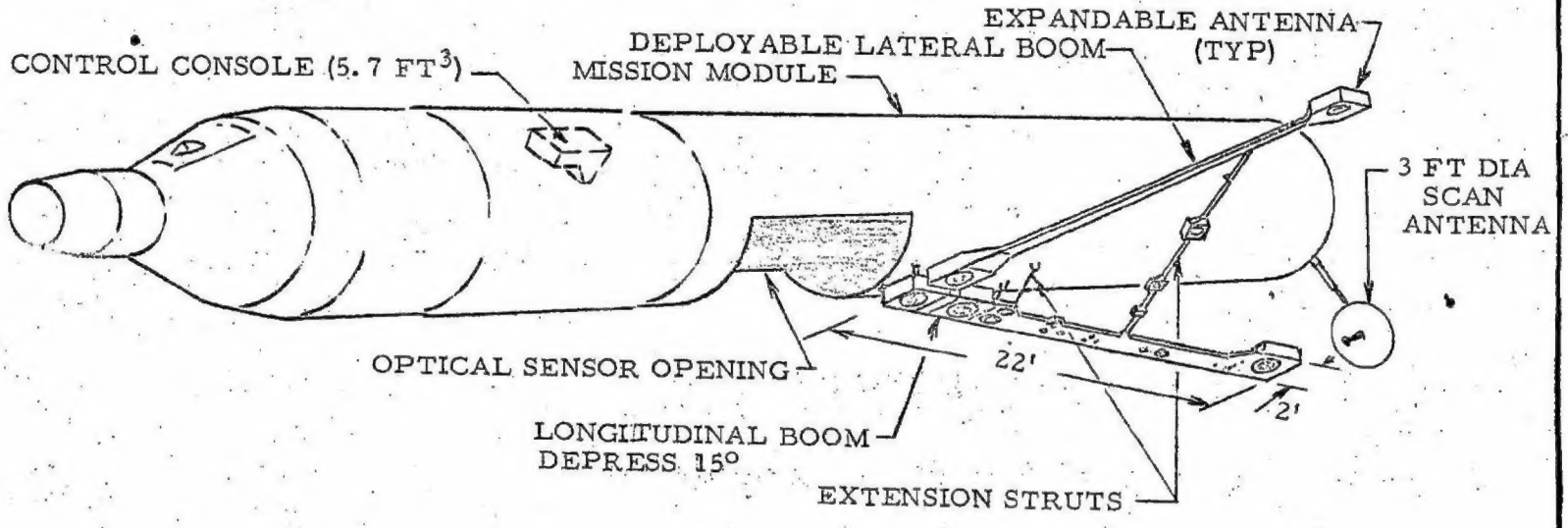
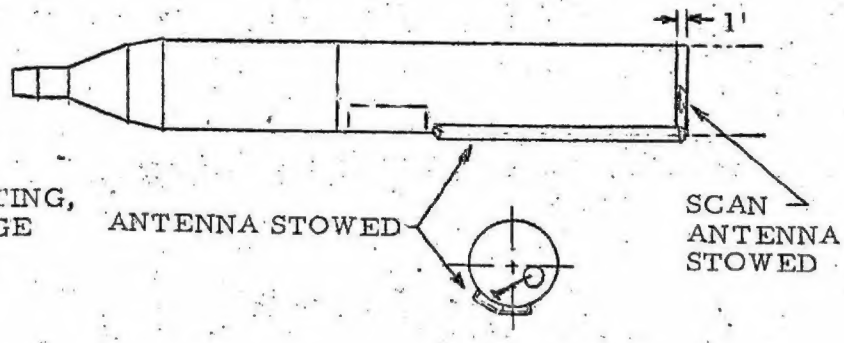
WHS-025-24

TYPICAL ELINT INSTALLATION



INSTALLATION CHARACTERISTICS

- HARDWARE WEIGHT INCLUDING STRUCTURE - 480#
- POWER PENALTY - 250 WATTS OPERATING, 25 WATTS AVERAGE
- DUTY CYCLE -10% ORBITAL DURATION
- DEPLOYMENT CYCLE - 100%
- PROPULSION PENALTY - 1 FPS/DAY



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System
5-19-6

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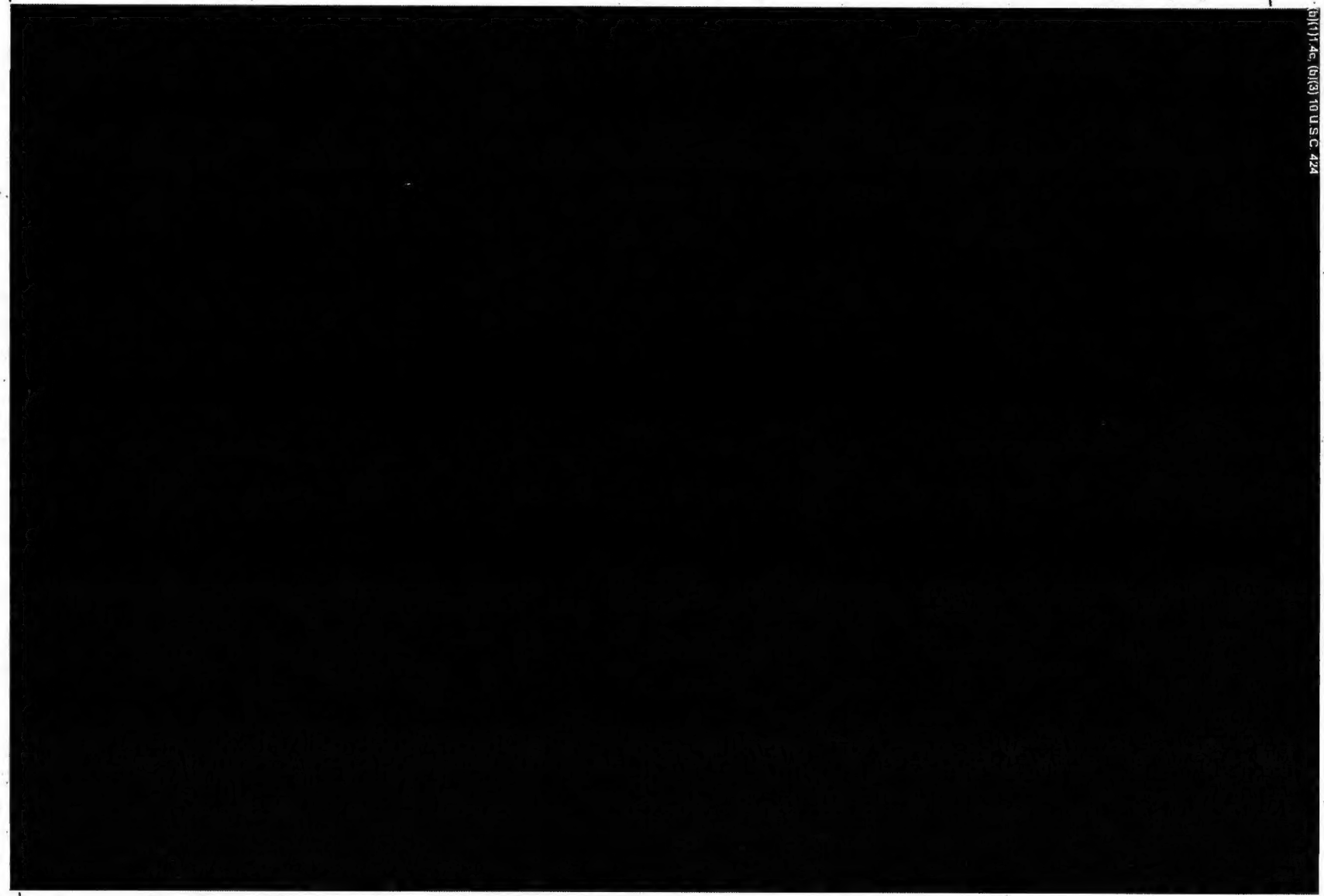
WHS-025-29



(b)(1) 1.4c, (b)(3) 10 U.S.C. 424

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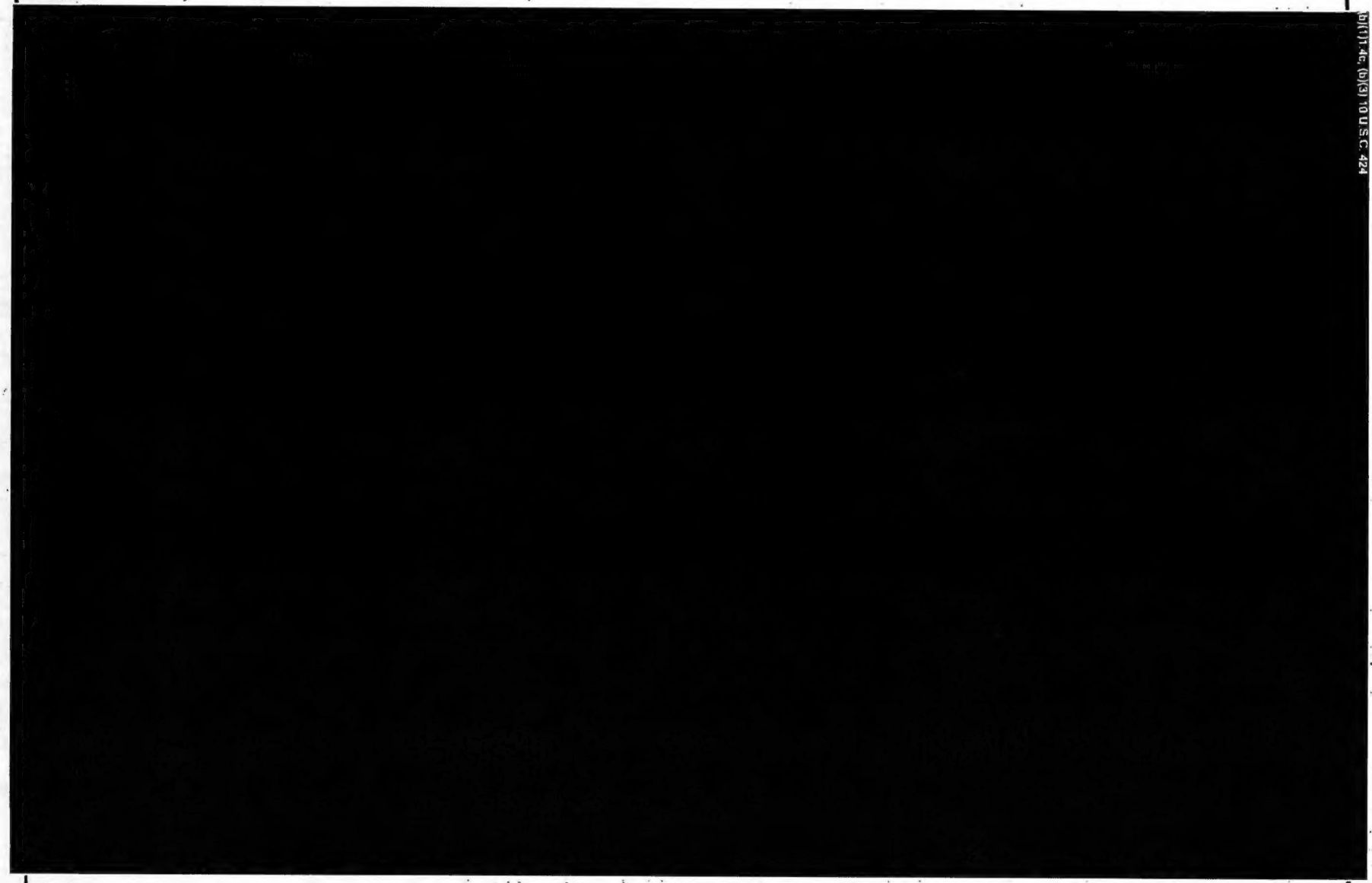

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Systems Applications Office
FWB - 6/6/66

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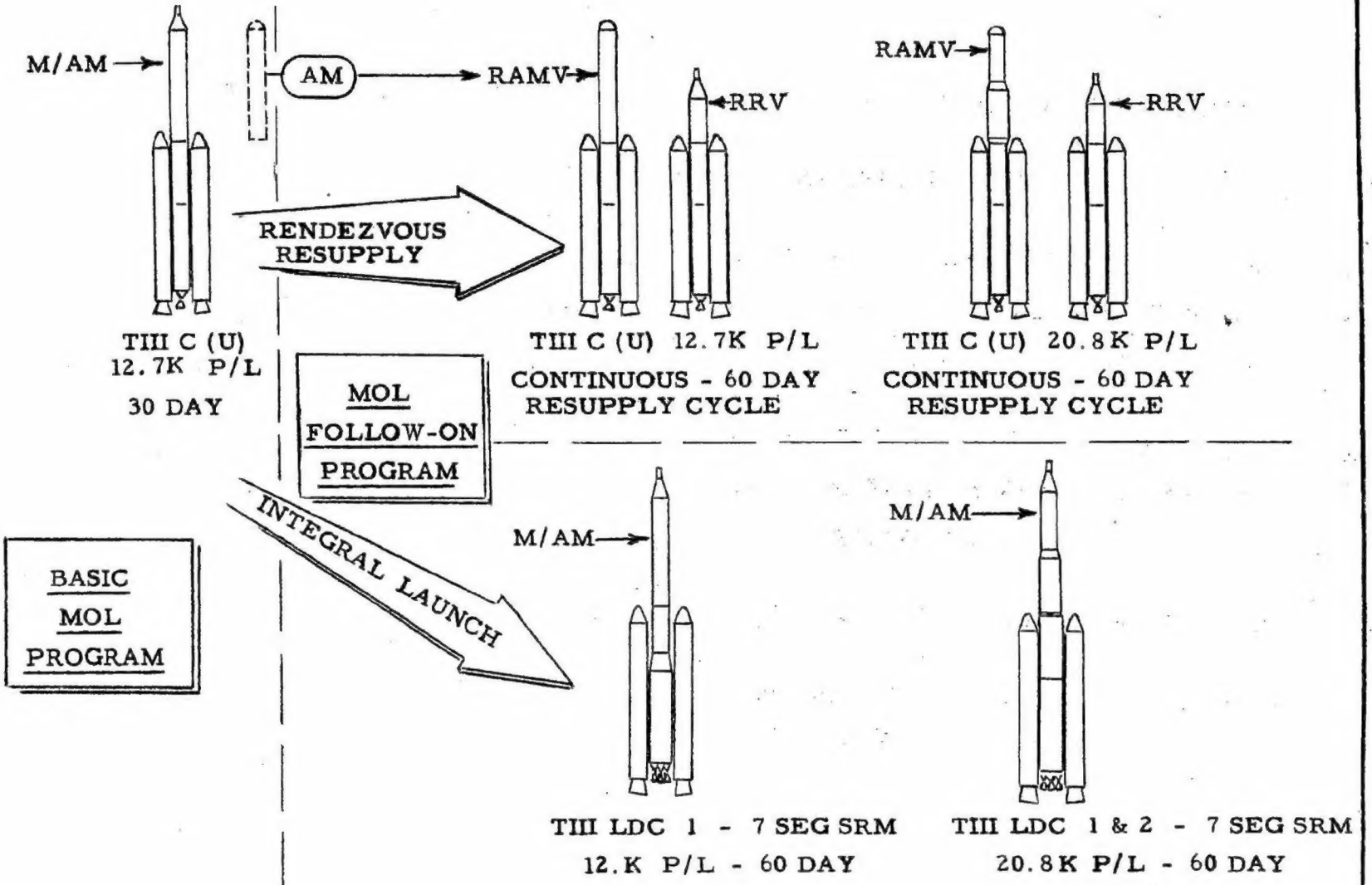
WHS-025-38

MOL PROGRAM EVOLUTION


M/AM
AM
RAMV
RRV
RENDEZVOUS RESUPPLY
TIII C (U) 12.7K P/L 30 DAY
TIII C (U) 12.7K P/L CONTINUOUS - 60 DAY RESUPPLY CYCLE
RAMV
RRV
TIII C (U) 20.8K P/L CONTINUOUS - 60 DAY RESUPPLY CYCLE
MOL FOLLOW-ON PROGRAM
BASIC MOL PROGRAM
INTEGRAL LAUNCH
M/AM
TIII LDC 1 - 7 SEG SRM 12.K P/L - 60 DAY
M/AM
TIII LDC 1 & 2 - 7 SEG SRM 20.8K P/L - 60 DAY

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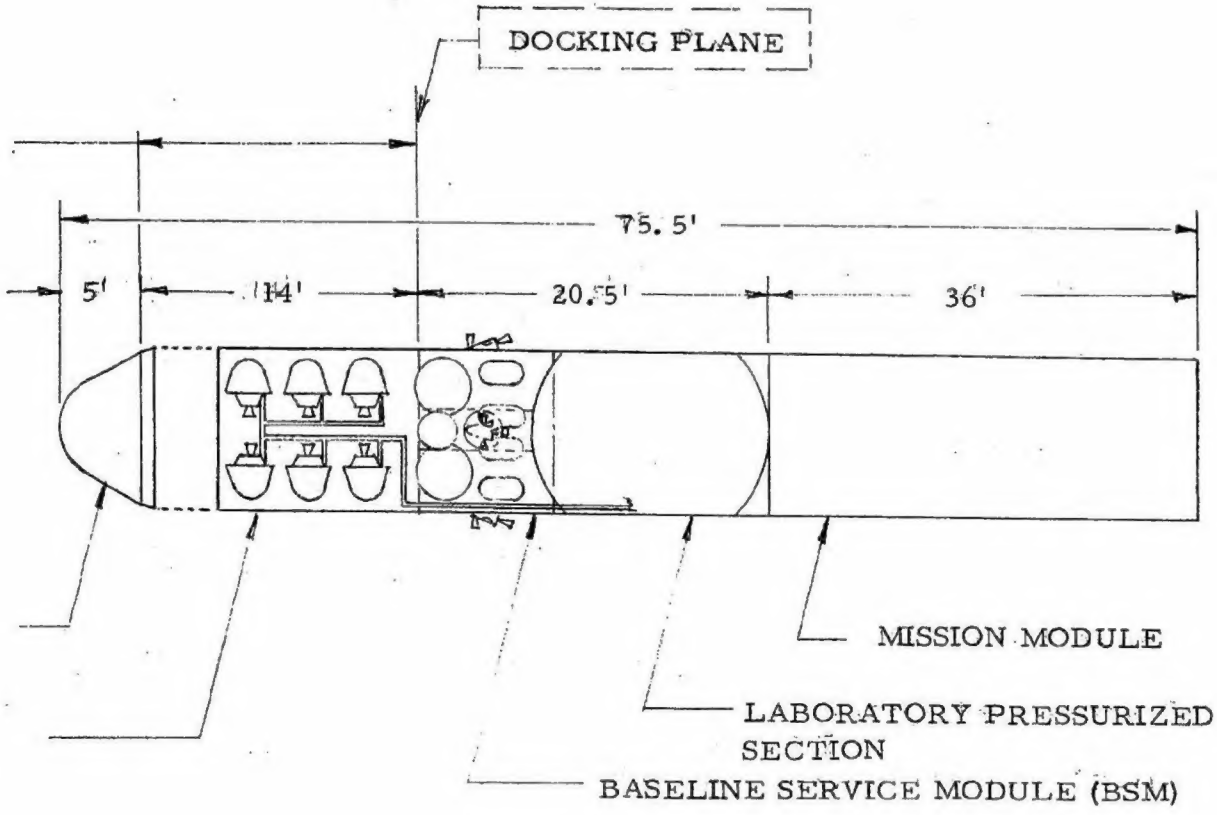
WHS- 025-39

MOL AUTOMATIC MODE/RENDEZVOUS AUTOMATIC MODE VEHICLE



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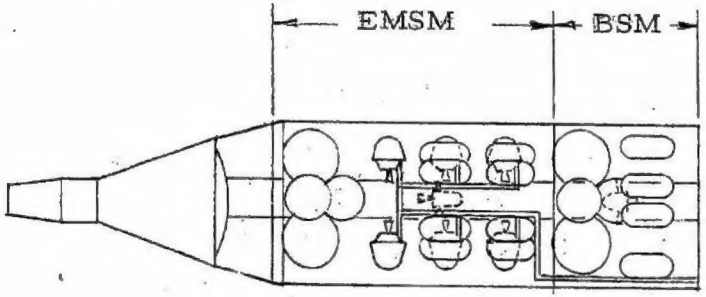
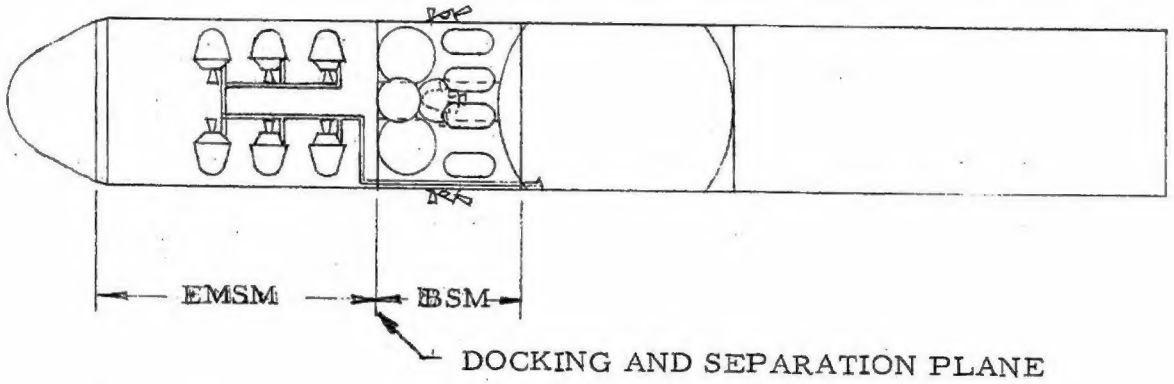
RENDEZVOUS VEHICLE FAMILY

- RENDEZVOUS/RESUPPLY VEHICLE (RRV)



- RENDEZVOUS/AUTOMATIC MODE VEHICLE (RAMV)



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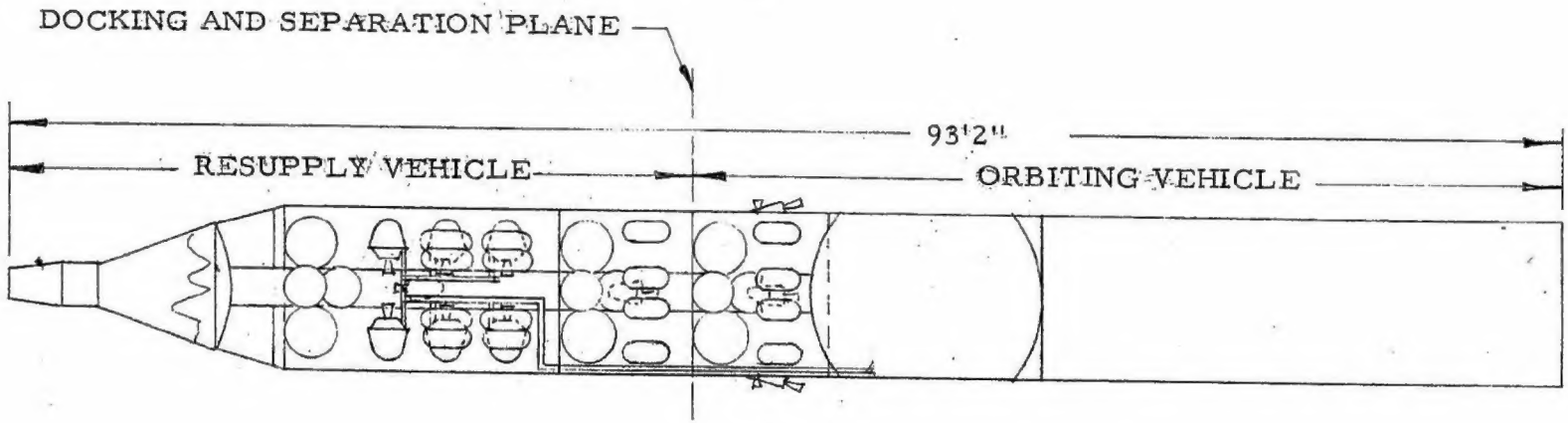
RENDEZVOUS VEHICLE CONFIGURATION

- 60 DAY RESUPPLY CYCLE



RRV FUNCTIONS

- ATTITUDE CONTROL (ACTS PROPULSION)
- PRIME POWER SYSTEM
- LIFE SUPPORT EXPENDABLES
- DATA SYSTEM

RAMV FUNCTIONS

- LIFE SUPPORT SYSTEM
- ATTITUDE CONTROL ELECTRONICS
- COMMUNICATIONS AND DATA HANDLING
- ENVIRONMENTAL CONTROL
- HRO OPERATIONS

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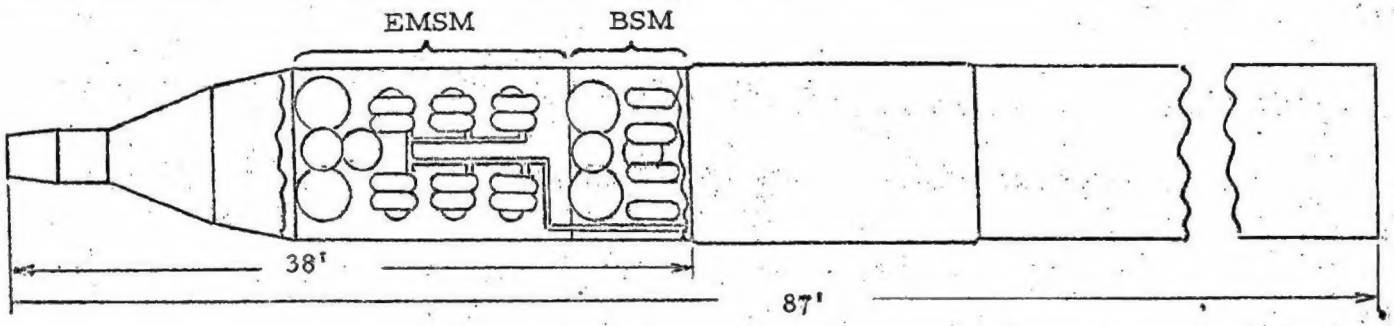
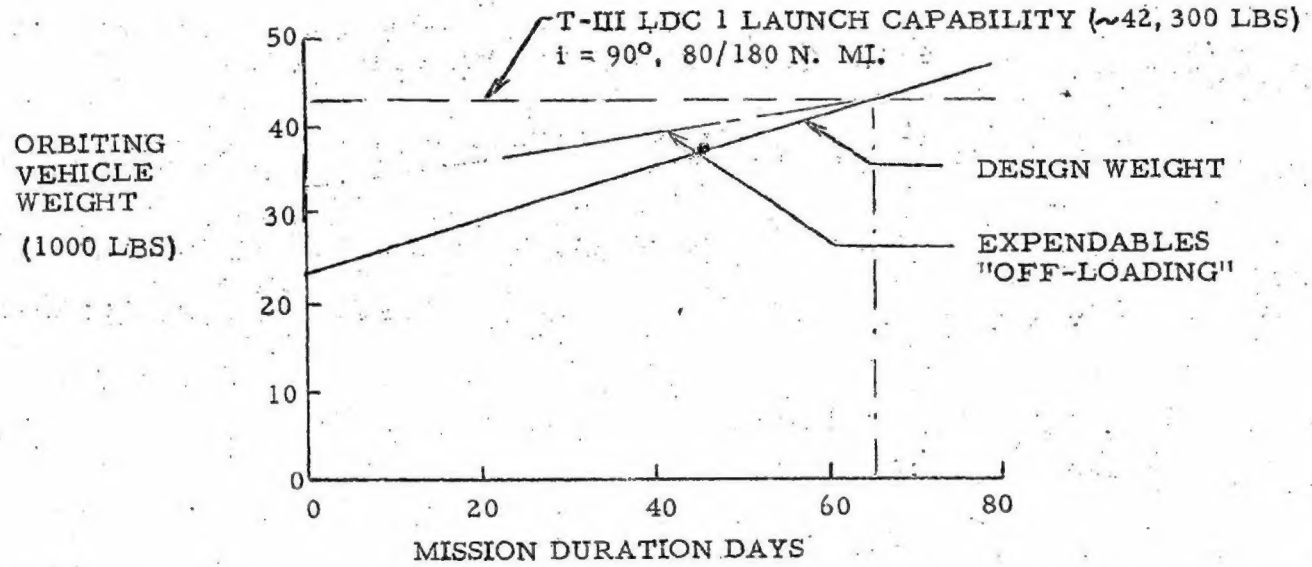
WHS-025 (BU)

T-III LDC 1 GROWTH
INTEGRAL LAUNCH



- TYPICAL 60 DAY VEHICLE WGT. = 41,000 LBS



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